

ABSTRACT OF THE DISCLOSURE

A liquid crystal compound with high helical twisting power, a method for preparing the same, and a liquid crystal composition containing the same. The liquid crystal compounds include cyclic group chain structures similar to the liquid crystal to serve as the core structure, and multi-ring structures of natural alcohol with optical activity, such as alcoholates of terpenol, borneol, cinchonidine, quinine, or derivatives thereof. As a result, the liquid crystal composition containing the liquid crystal compounds can filter out light of specific wavelengths from incident light due to optical activity and high helical twisting power thereof.